

*AMENDMENTS TO THE CLAIMS*

1. (Currently Amended) A power converter, comprising:

a series transformer ~~with its~~ having a primary winding connected in series with a line and having a secondary winding;

multiple array transformers having respective primary and secondary windings, the primary windings being connected in series with and to the secondary winding of this the series transformer;

normally-on switches respectively connected in series with ~~the~~ corresponding ends of each of the primary windings of the array transformers;

normally-off current bypass devices respectively connected in parallel with the corresponding series connections of each of the primary windings of the array transformers and the switches ~~at their~~ connected to the ends of the primary winding of the corresponding array transformer;

AC-DC converter units, each AC-DC converter unit having their an AC-sides severally side connected to each of the secondary-windings winding of one of the array transformers; and

mutually independent DC circuits ~~severally~~ respectively connected to ~~the a DC-sides side~~ of one of the AC-DC converter units, wherein, by turning on the current bypass device of the primary winding of a ~~specified~~ specific array transformer and turning off the switches at the ends of ~~that the~~ the primary winding it is possible to isolate of the specific array transformer, the specified specific array transformer and the AC-DC converter unit connected to it the specific array transformer are isolated.

2. (Currently Amended) ~~A~~ The power converter according to claim 1, wherein including a plurality of the AC-DC converter units connected to each of the secondary-winding windings of each of the array transformers on their at the AC sides are plural and on of the AC-DC converter units, wherein the DC sides of the plurality of AC-DC converter units of connected to the secondary-winding windings of each of the array transformers is provided are connected to each of a respective common DC circuit, and the common DC circuit is independent of the

~~common DC circuits provided on~~ connected to the DC sides of the plurality of respective AC-DC converter units connected to the secondary windings of the other array transformers being independent of each other.

3. (Currently Amended) ~~A~~ The power converter according to claim 1, wherein each of the array transformers are each made up of includes a plurality of transformers connected in series.

4. (Currently Amended) A power converter, comprising:  
multiple array transformers having ~~their~~ respective primary and secondary windings, the primary windings being connected to a line in series and to a line;  
normally-on switches respectively ~~connected respectively~~ in series with ~~the~~ corresponding ends of each of the primary windings of the array transformers;  
normally-off first current bypass devices connected in parallel with ~~the series connections of the~~ corresponding primary windings of the array transformers and the switches connected to ~~their~~ the ends of the primary winding of the corresponding array transformer;  
AC-DC converter units, each AC-DC converter unit ~~having their an AC-sides side~~ respectively connected to ~~each of the secondary windings~~ winding of one of the array transformers;  
mutually independent DC circuits respectively ~~connected respectively to the a DC-sides side of each one~~ of the AC-DC converter units; and  
a normally-off second current bypass device connected in parallel with all of the series-connected array transformers, wherein, by turning on the first current bypass device of the primary winding of ~~a specified~~ specific array transformer and turning off the switches at the ends of ~~that the primary winding it is possible to isolate~~ of the specific array transformer, the specified specific array transformer and the AC-DC converter unit connected thereto to the specific array transformer are isolated.

5. (Currently Amended) ~~A~~ The power converter according to claim 4, wherein including a plurality of the AC-DC converter units connected to each of the secondary-winding windings of each of the array transformers on their at the AC sides-are plural and on of the AC-DC converter units, wherein the DC sides of the plurality of AC-DC converter units-of connected to the secondary-winding windings of each of the array transformers-is provided are connected to each of a respective common DC circuit, and the common DC circuit is independent of the common-DC circuits-provided-on connected to the DC sides of the plurality of respective AC-DC converter units-connected to the secondary windings of the other array transformers being independent of each other.

6. (Currently Amended) ~~A~~ The power converter according to claim 4, wherein each of the array transformers-are each made up of includes a plurality of transformers connected in series.